#10
6-12-04

OIPE
MAY 27 2004
TC100 MAIL ROOM

Attorney's Docket No. 074451.P127D5 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Approved
8/16/04

In re Application of:

Edward L. Schwartz

Application No.: 09/801,361 ✓

Filed: March 6, 2001

For: Method And Apparatus For Clipping Coefficient Values After Application Of Each Wavelet Transform

Examiner: Chen, Wenpeng

Art Unit: 2624

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Commissioner for Patents
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SUBMISSION OF FORMAL DRAWINGS

Sir:

Transmitted herewith are **Twenty-Six (26)** sheets of the formal drawings for the above-identified application.

If any additional fee is required, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 5/24/2004

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May 24, 2004
Date

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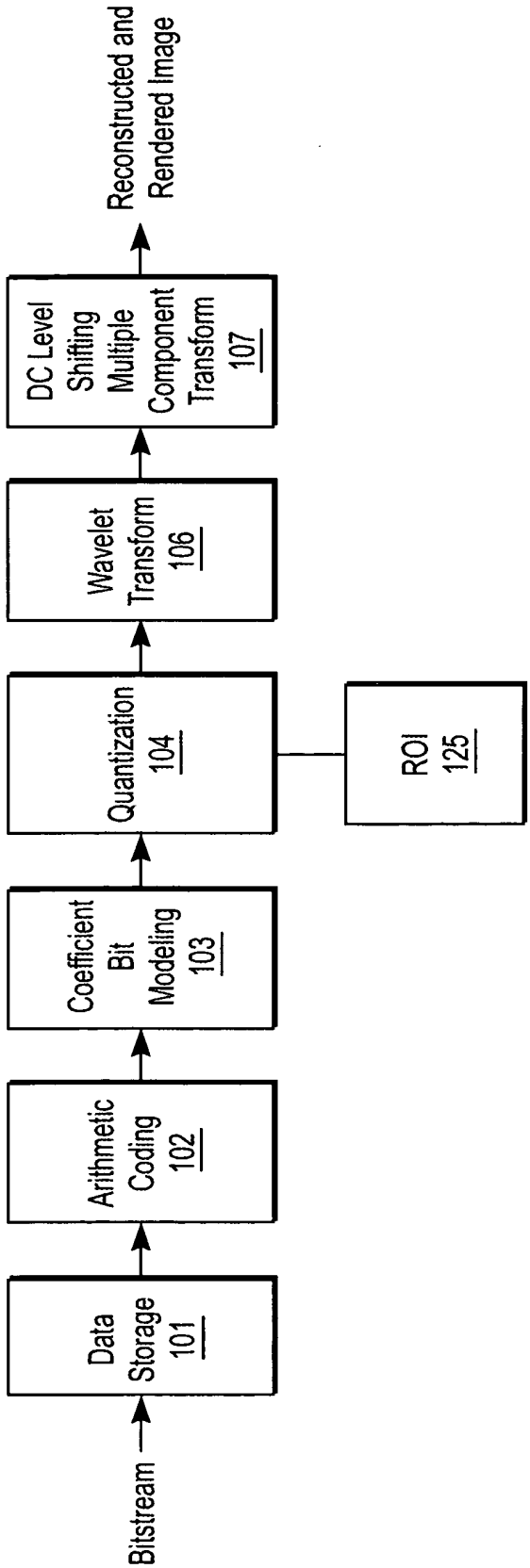

FIG. 1
(PRIOR ART)

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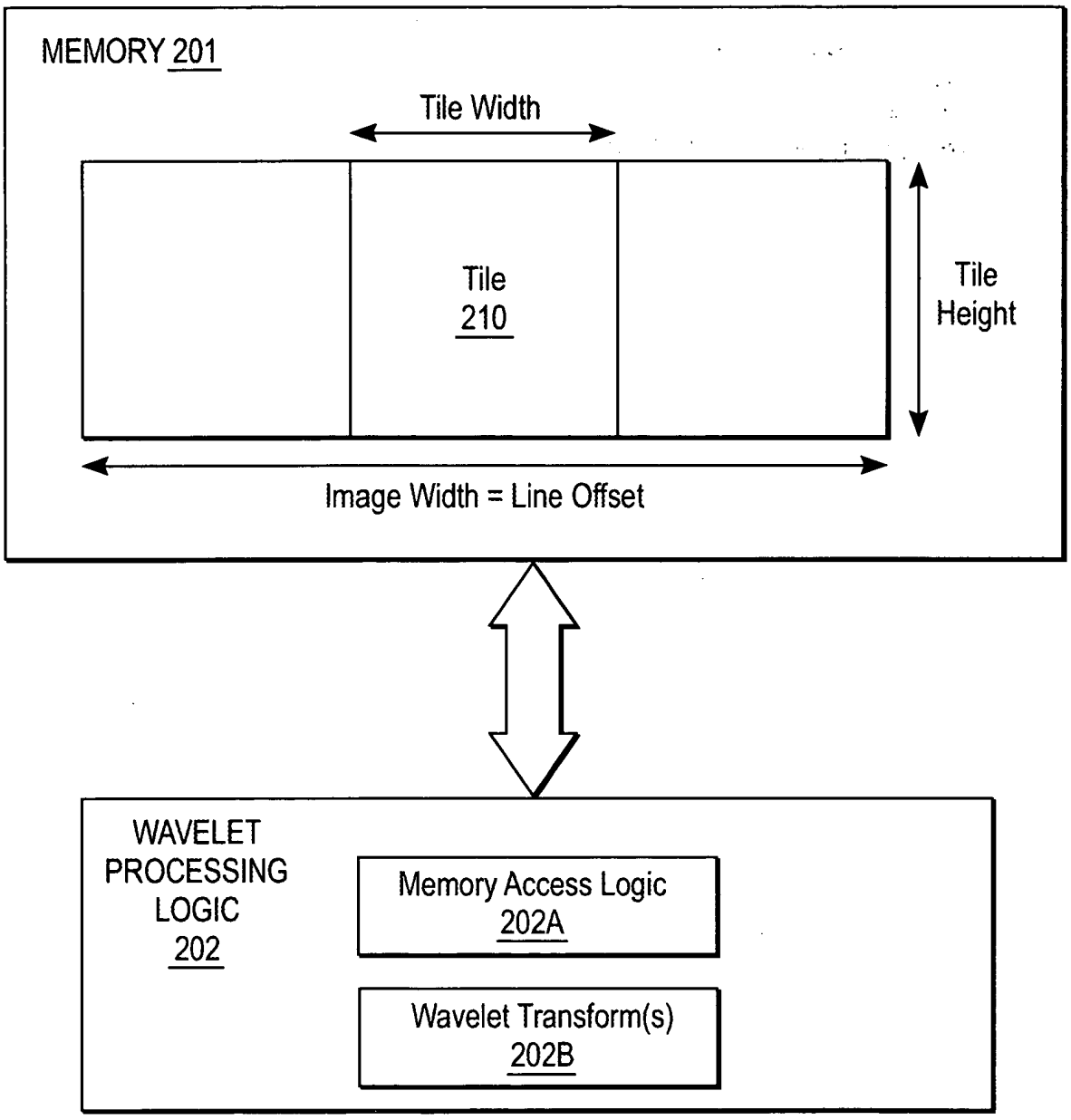

FIG. 2

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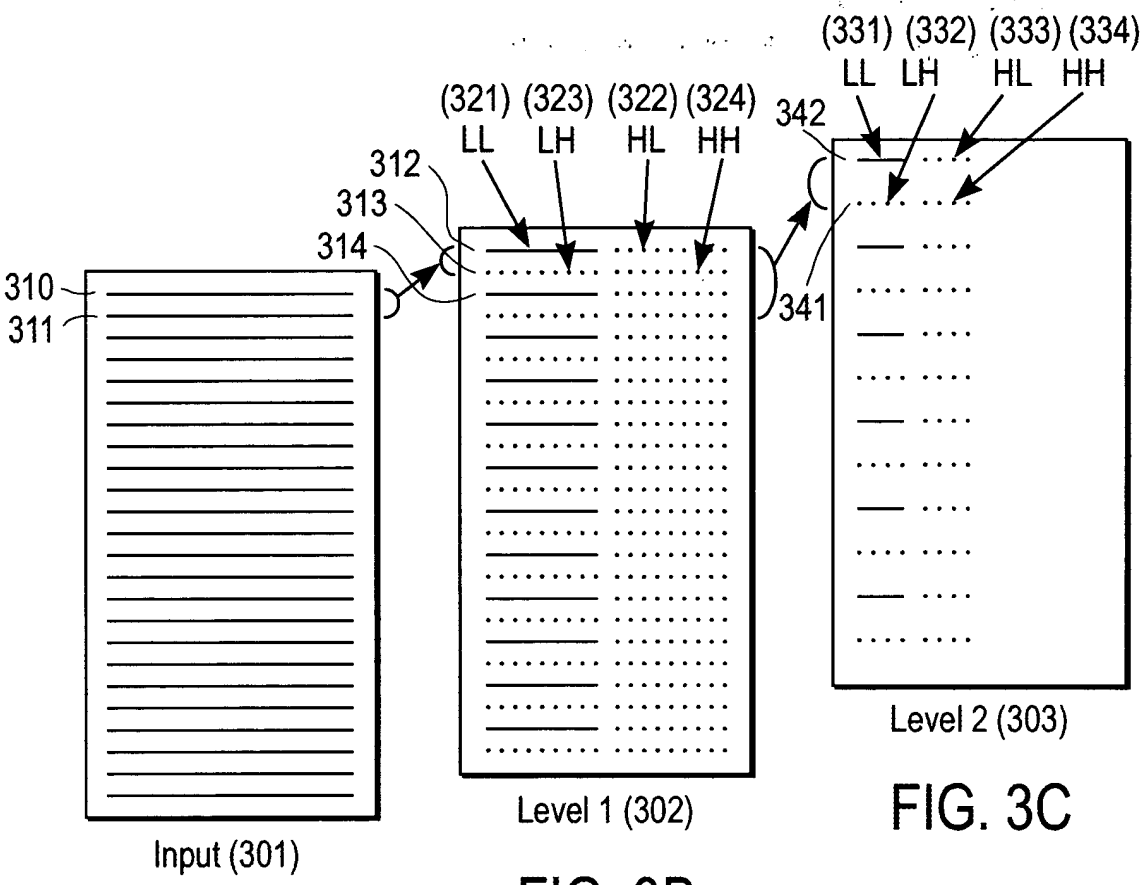

FIG. 3A

FIG. 3B

FIG. 3C

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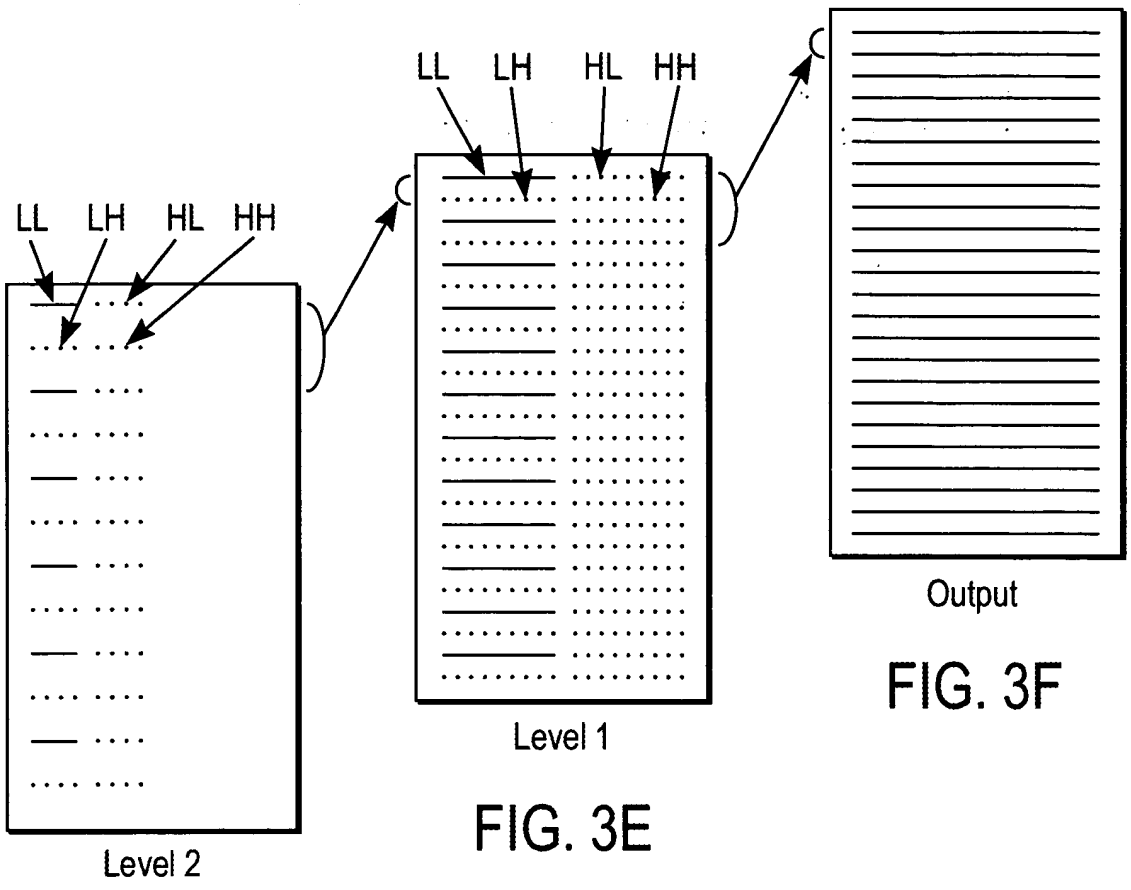

FIG. 3D

FIG. 3E

FIG. 3F

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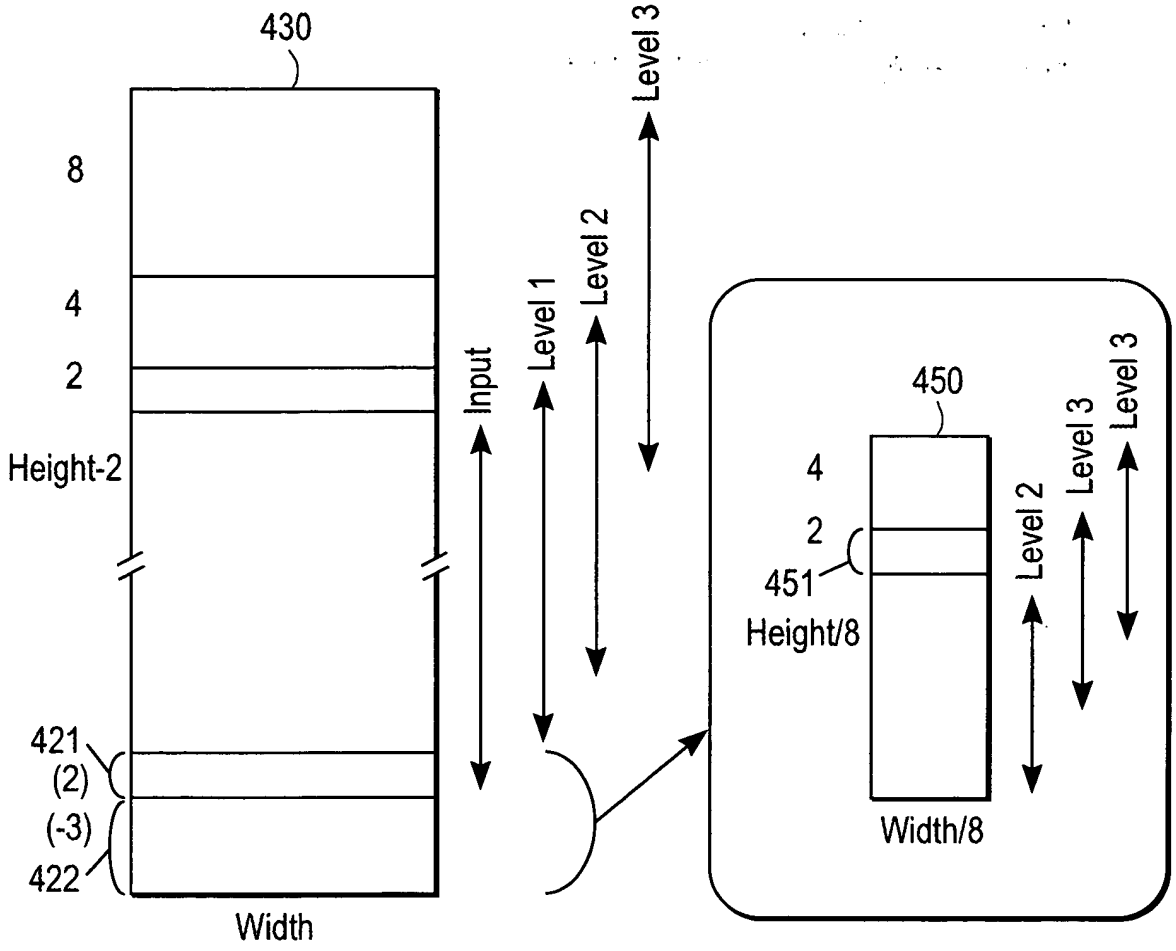

FIG. 4A

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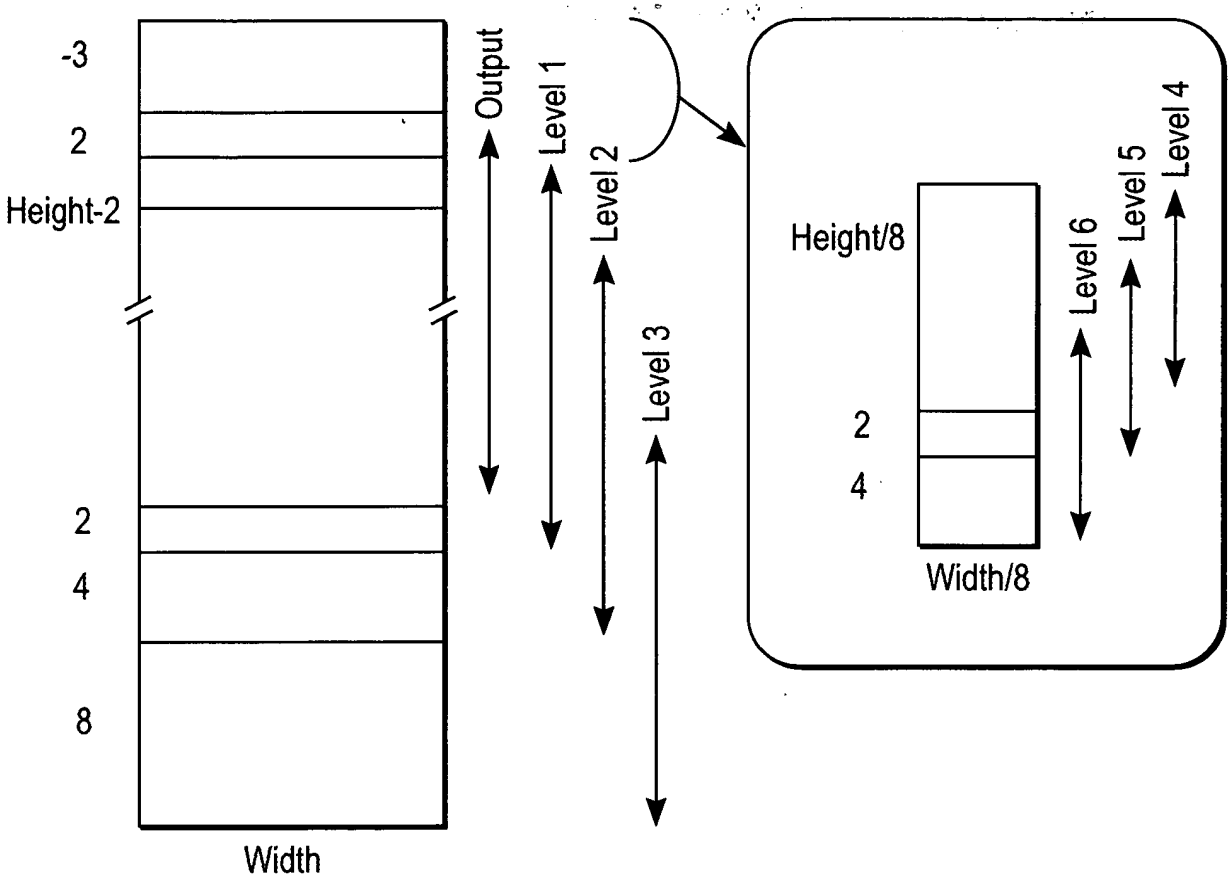

FIG. 4B

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SC106

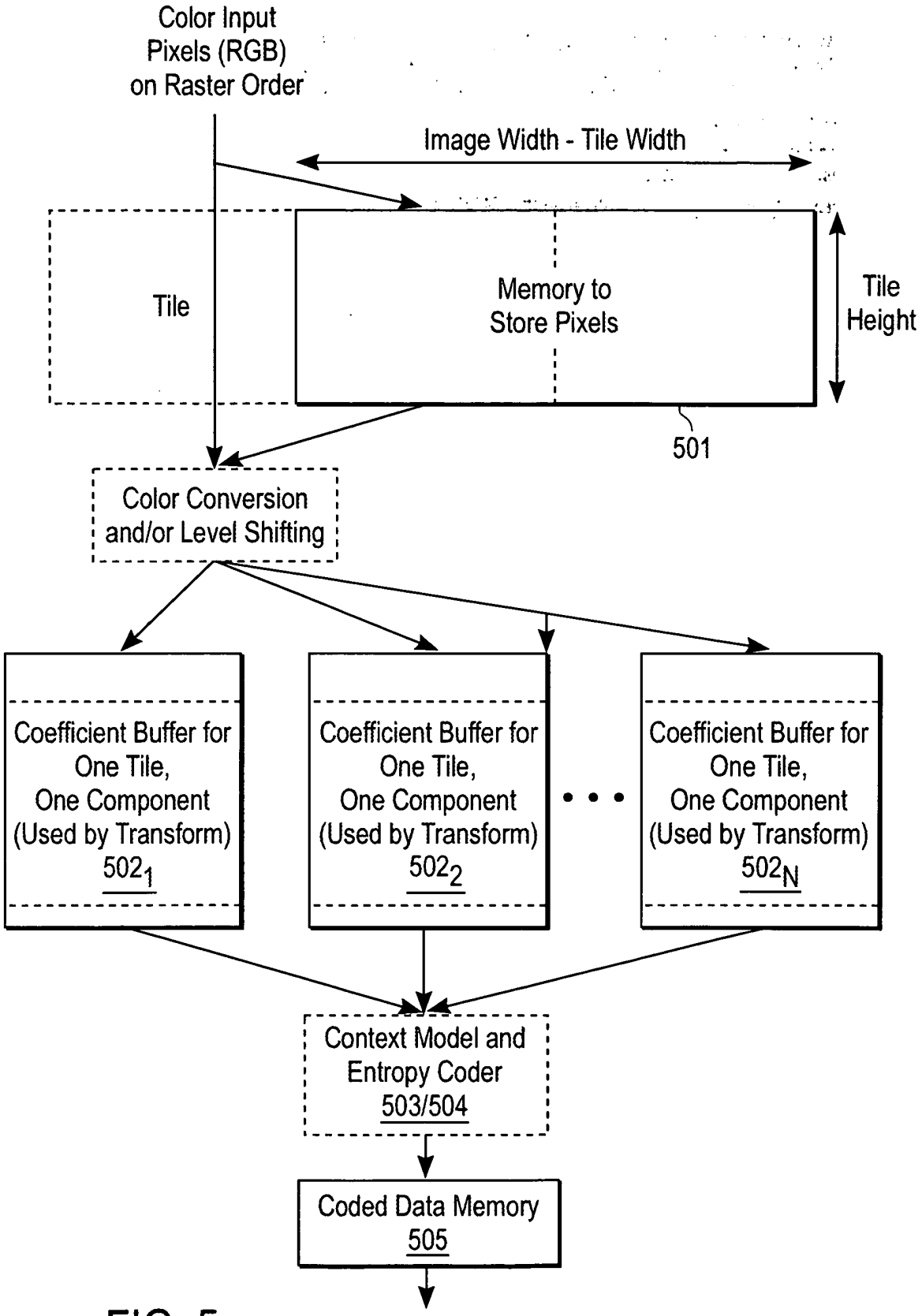

FIG. 5

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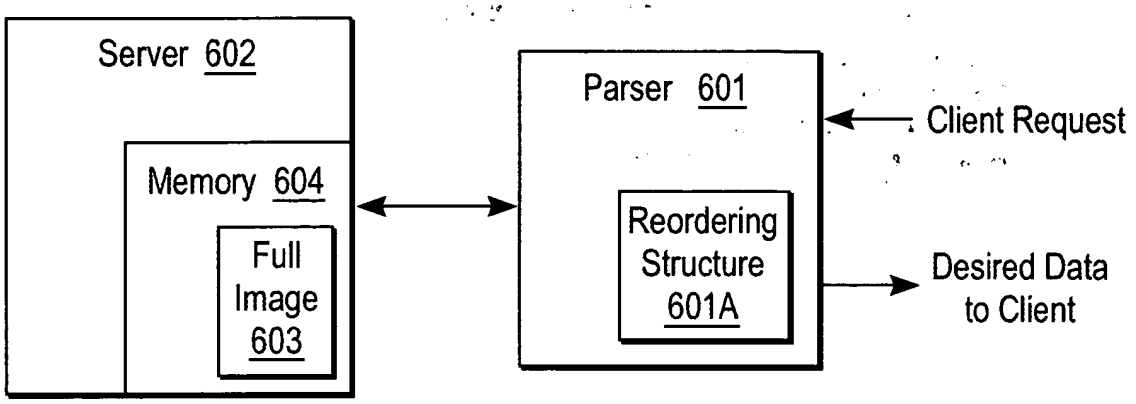

FIG. 6A

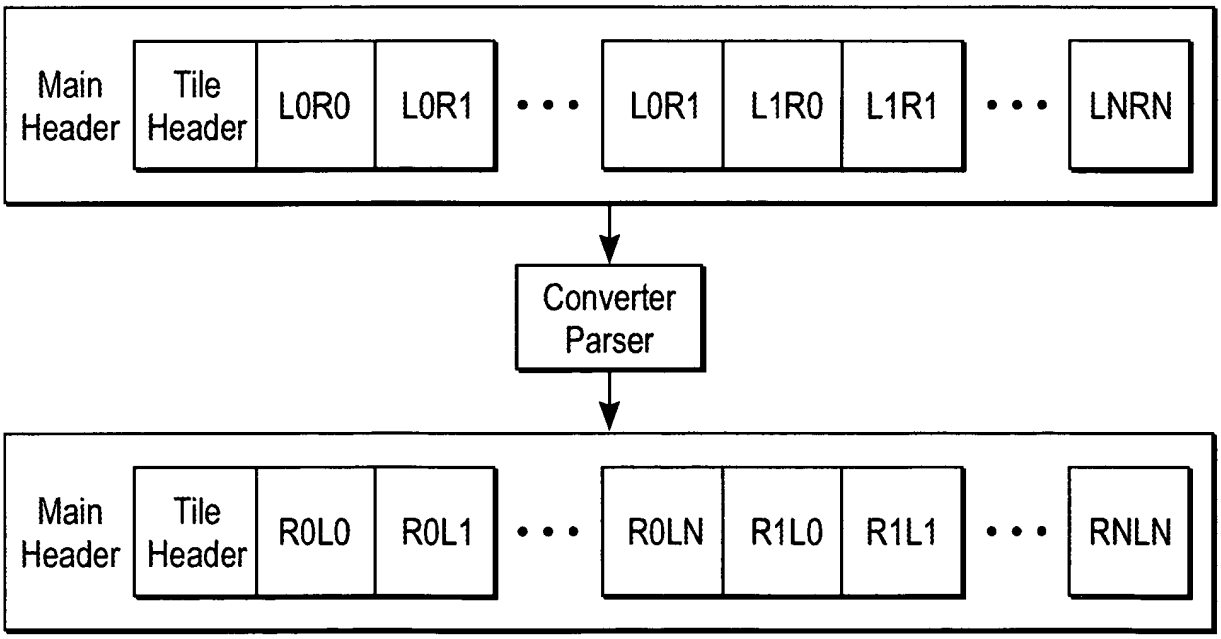

FIG. 6B

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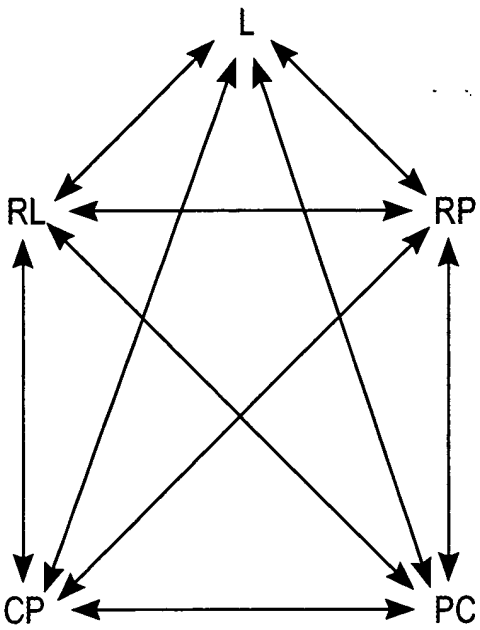

FIG. 7A

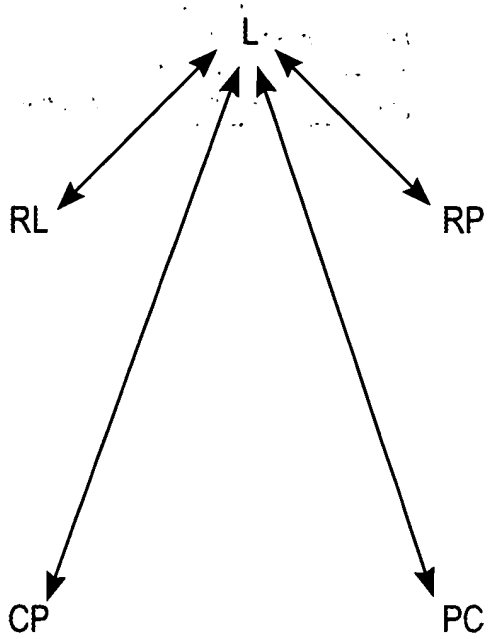

FIG. 7B

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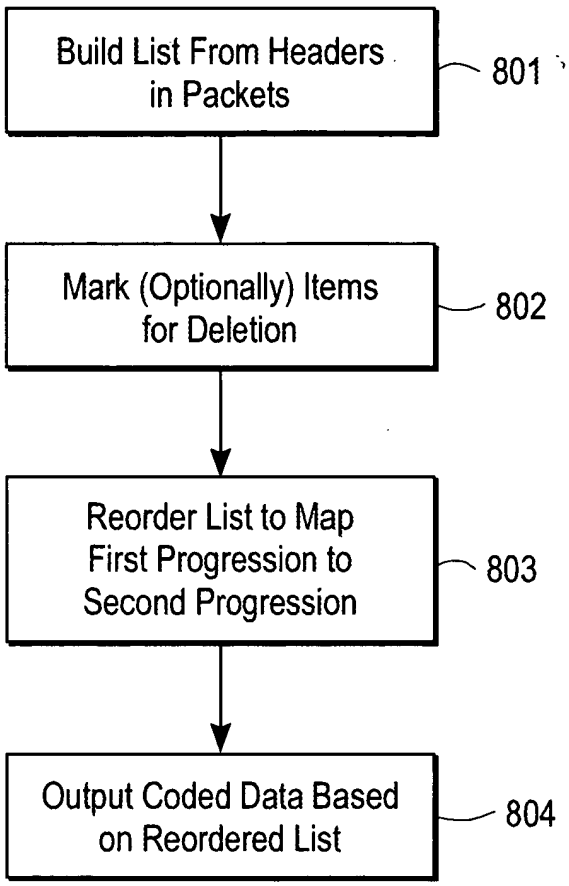

FIG. 8

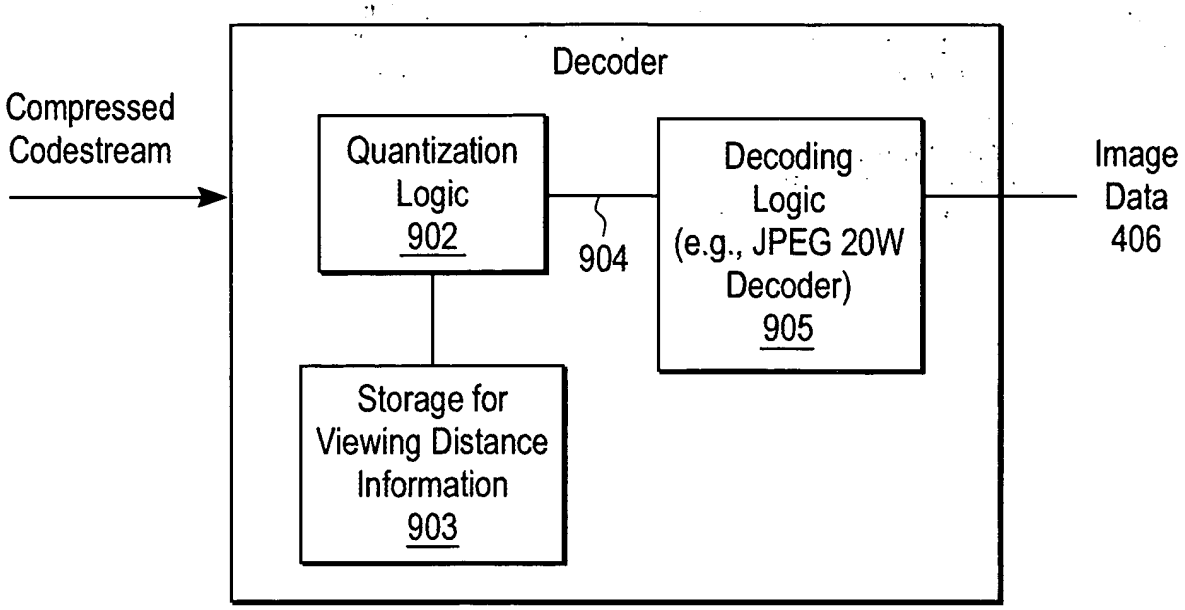
Decoder
Compressed Codestream
Quantization Logic 902
904
Decoding Logic (e.g., JPEG 20W Decoder) 905
Image Data 406
Storage for Viewing Distance Information 903

FIG. 9

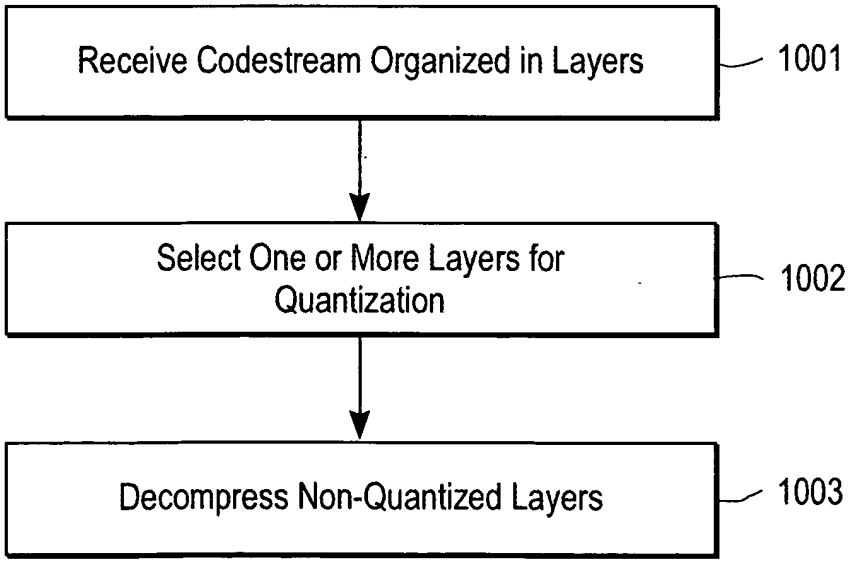
Receive Codestream Organized in Layers
1001
Select One or More Layers for Quantization
1002
Decompress Non-Quantized Layers
1003

FIG. 10

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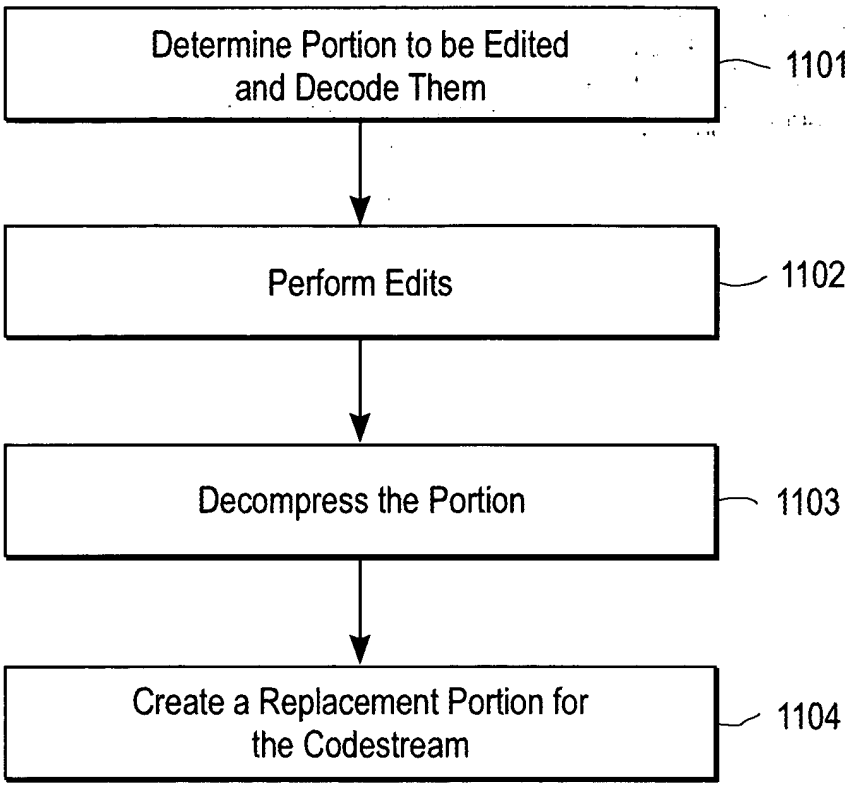

FIG. 11

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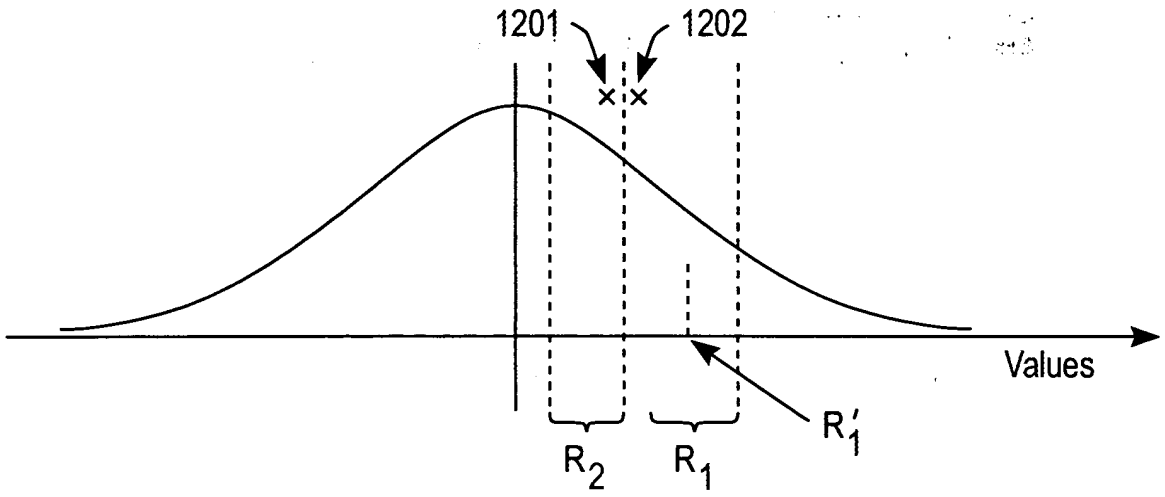

FIG. 12

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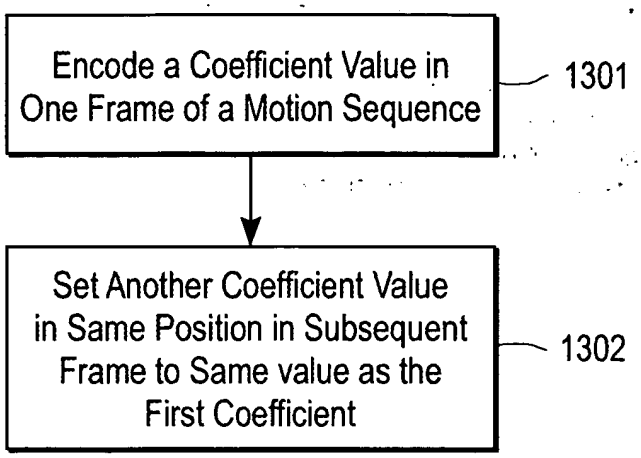

FIG. 13

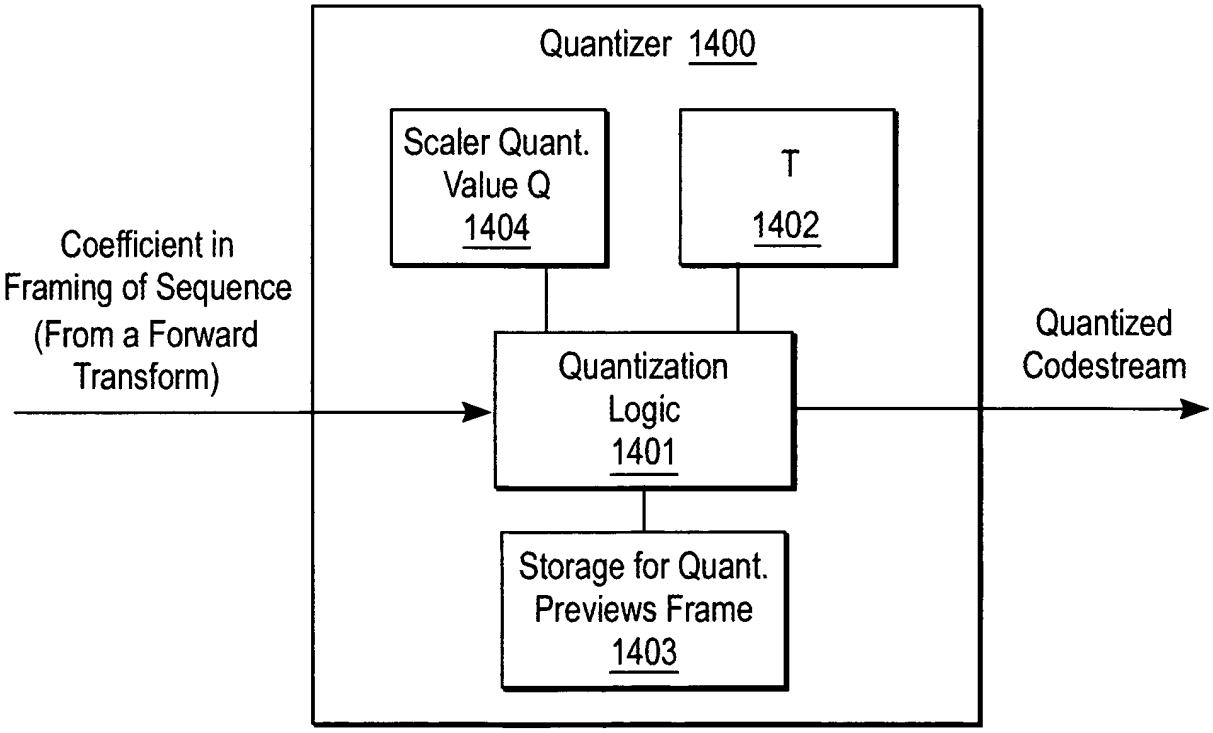

FIG. 14

OIPE JC106
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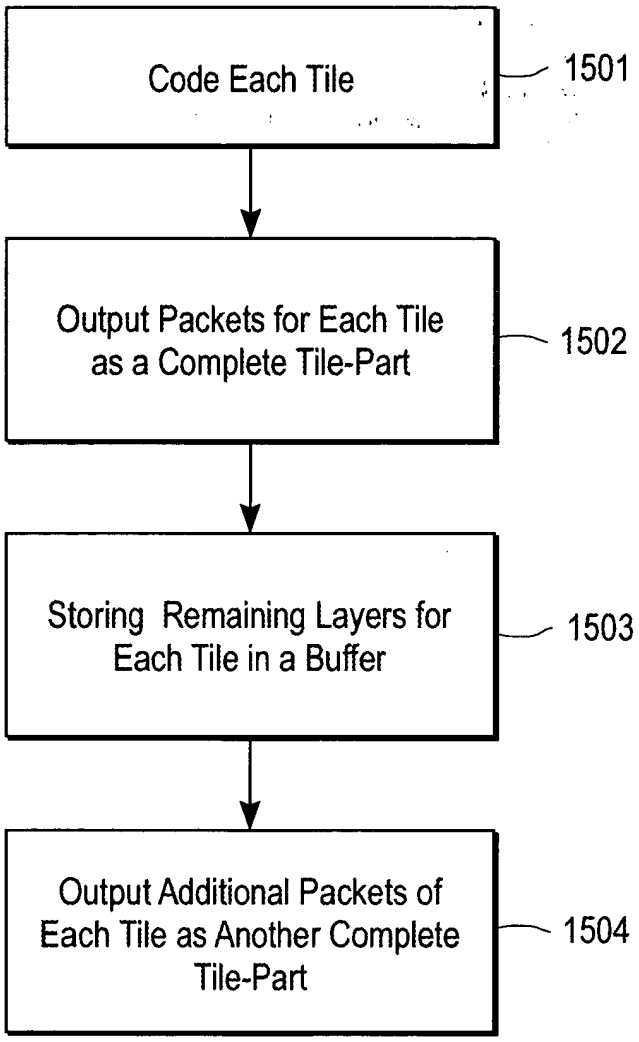

FIG. 15A

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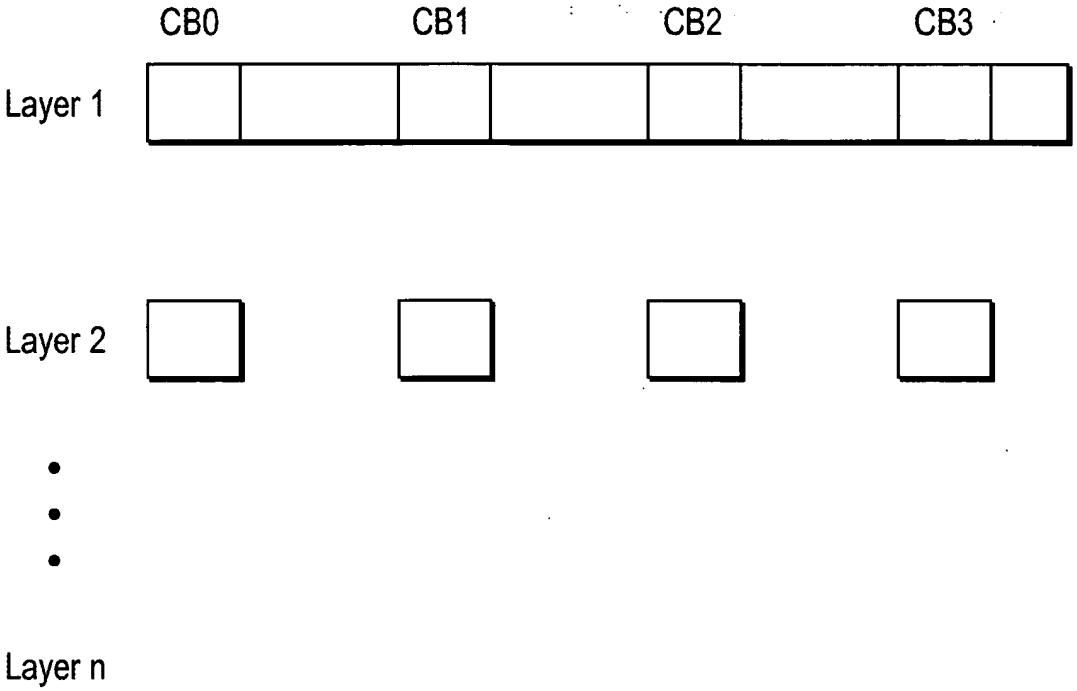

FIG. 15B

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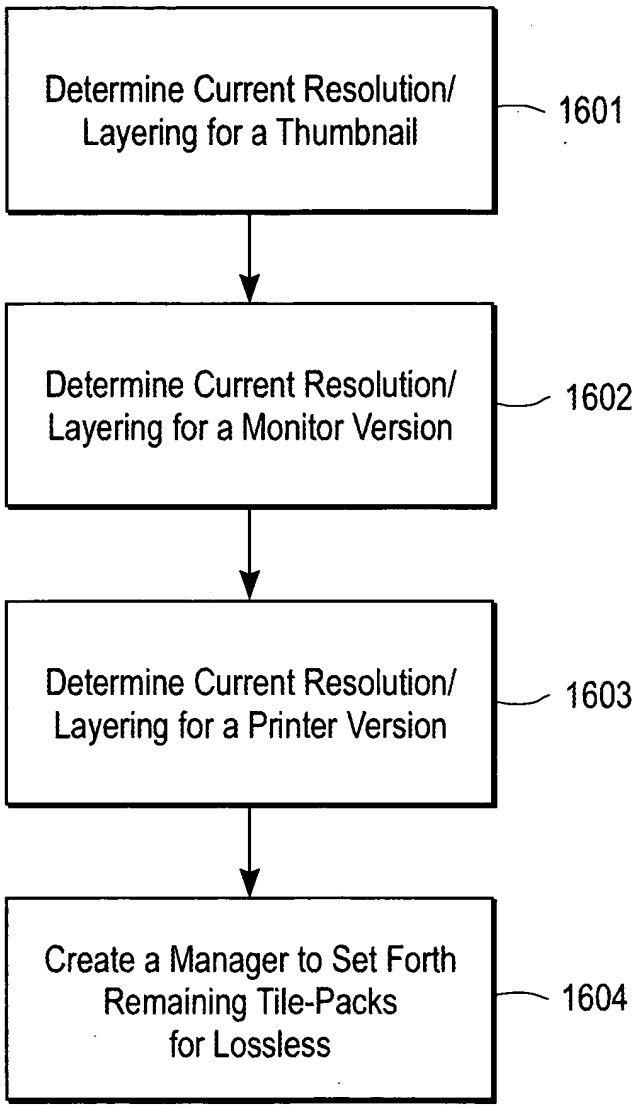

FIG. 16

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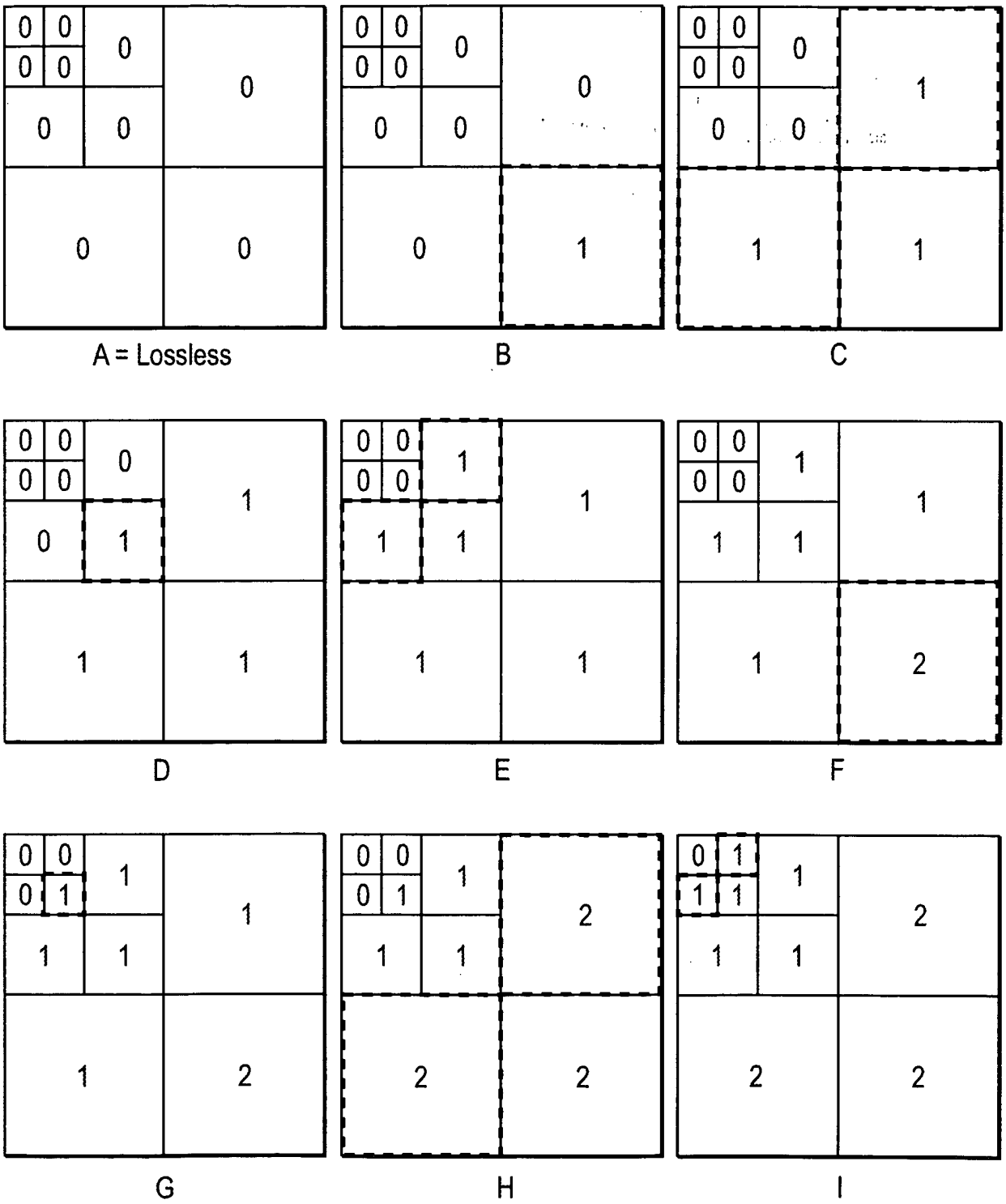

FIG. 17

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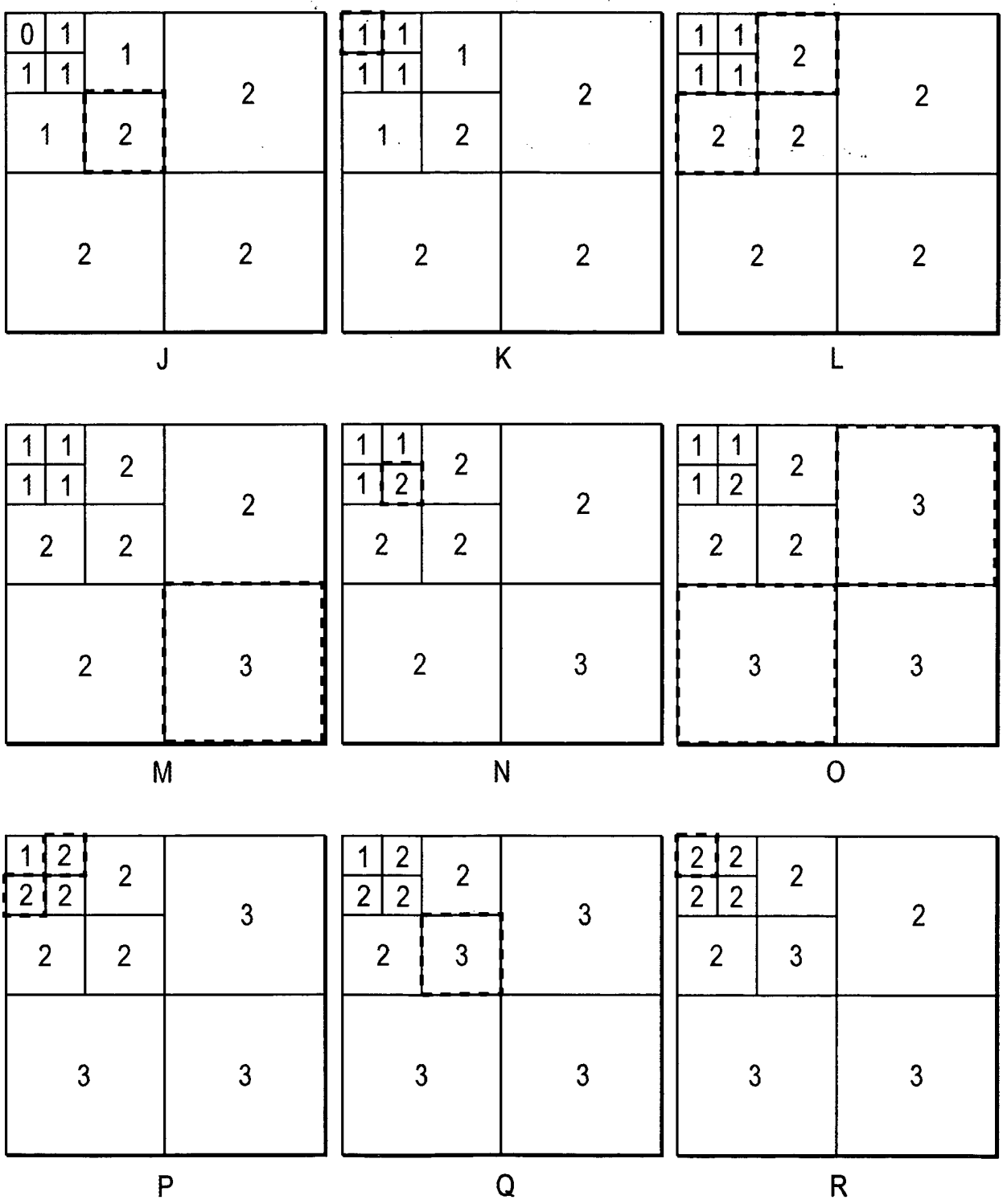

FIG. 18

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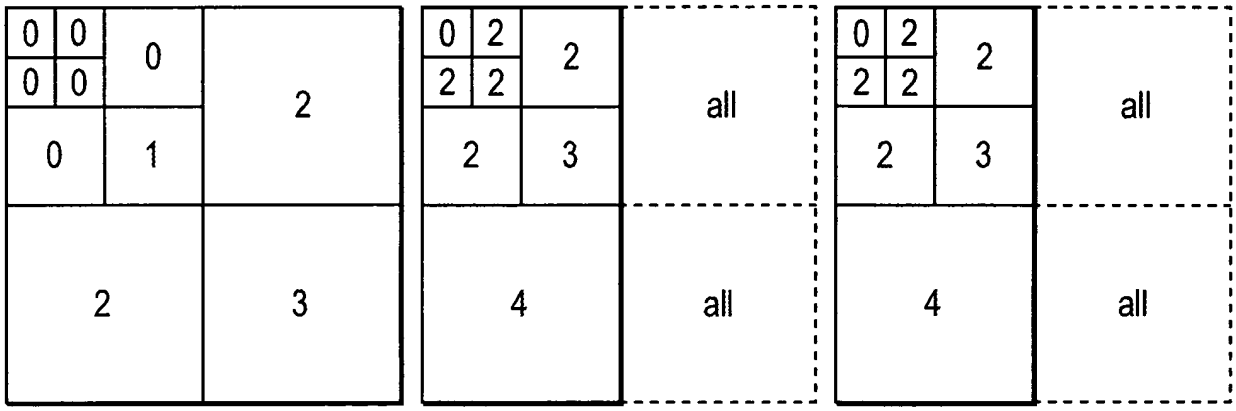

FIG. 19

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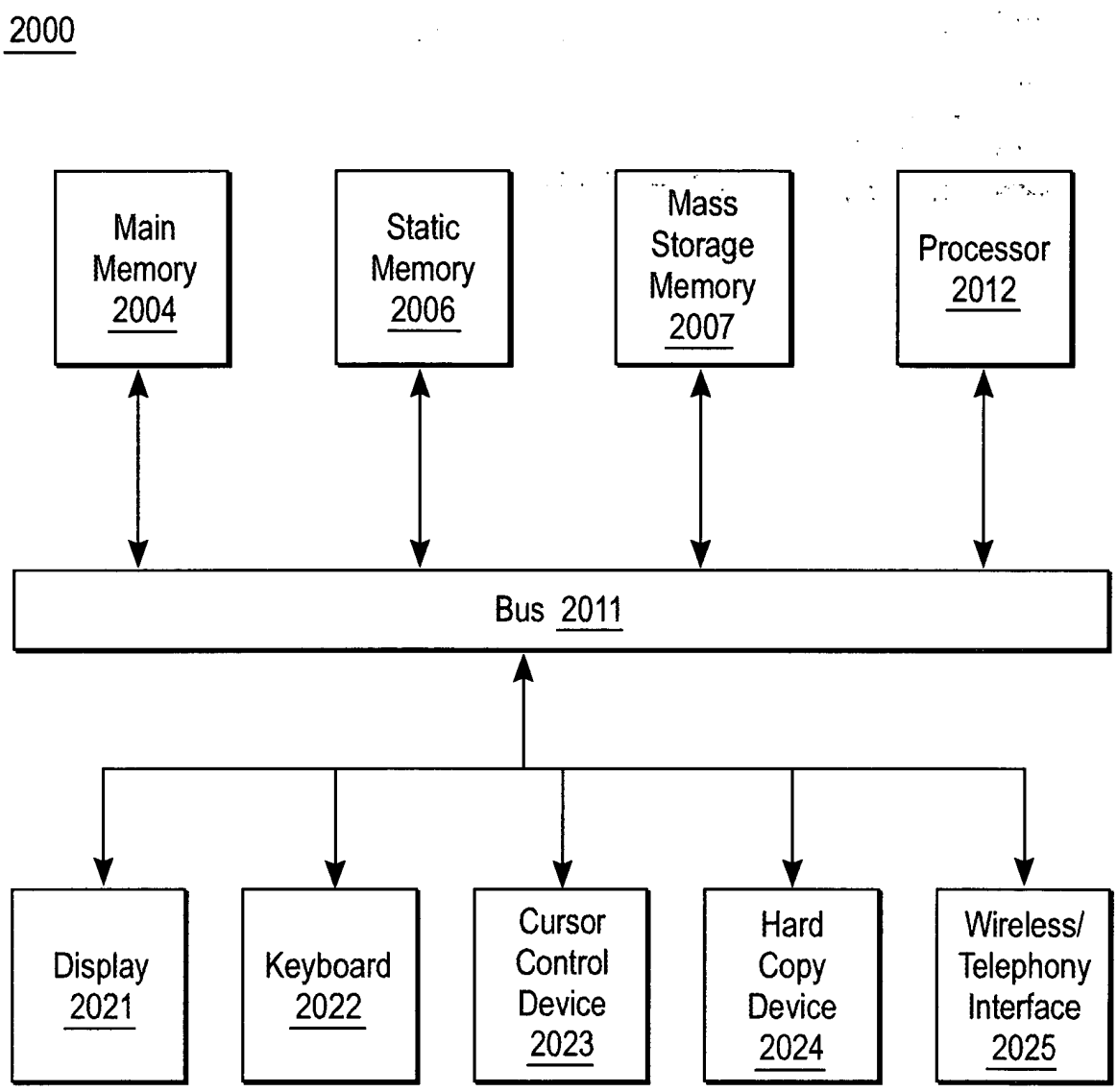

FIG. 20

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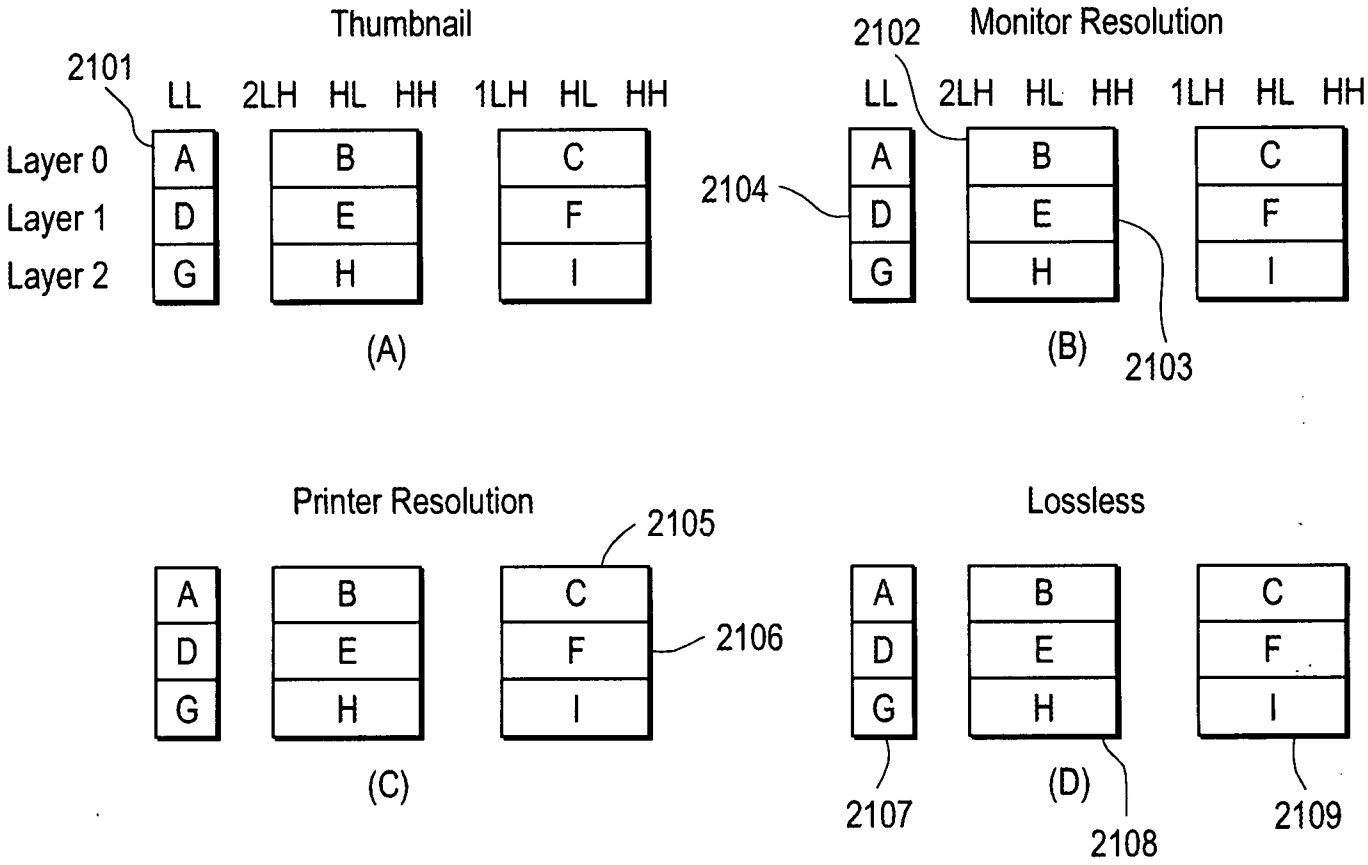

FIG. 21

USPTO JC106
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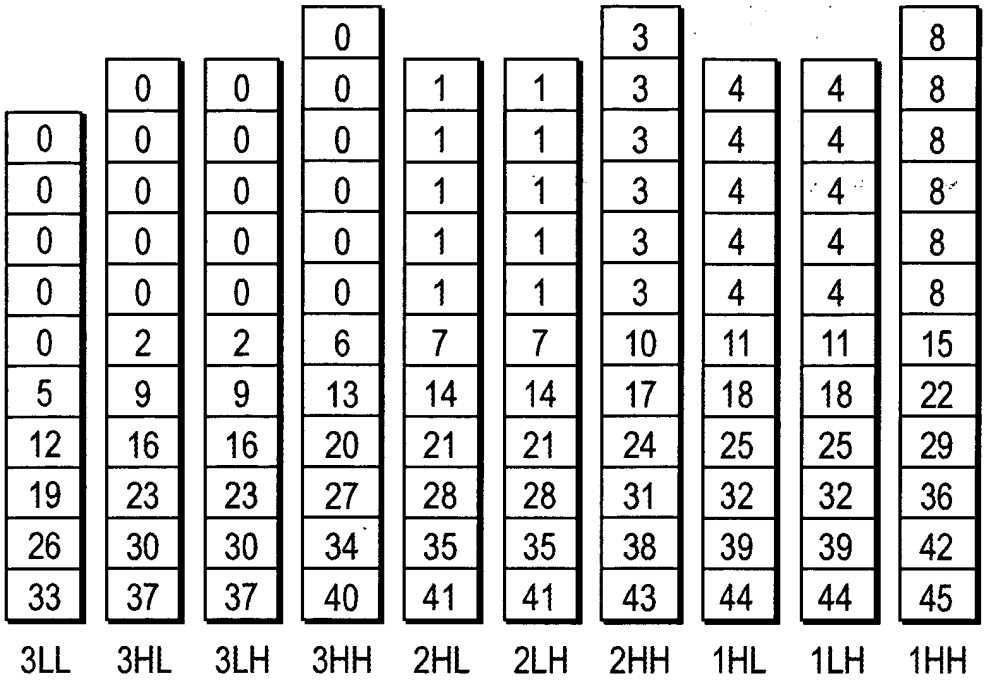

FIG. 22

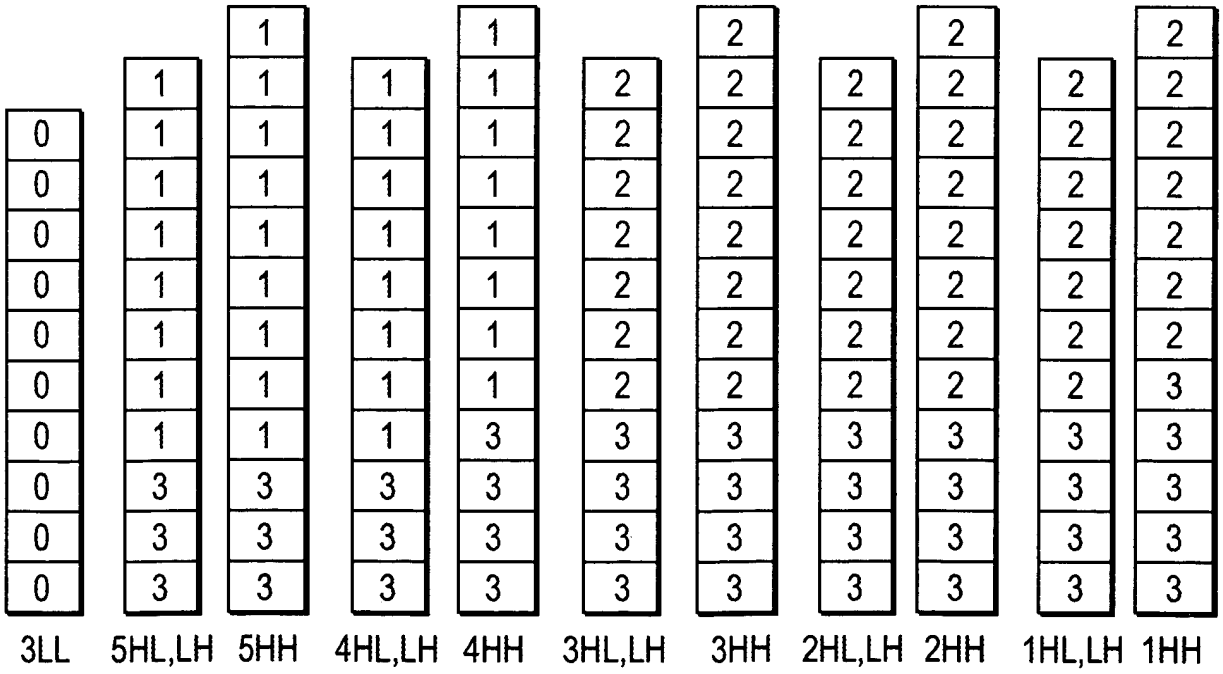

FIG. 23

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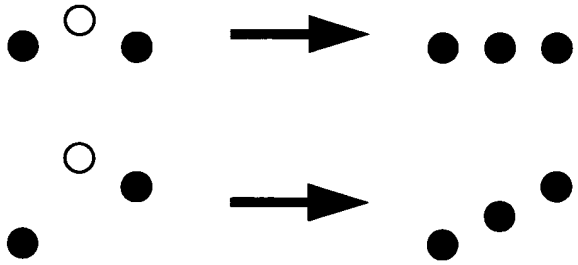

FIG. 24

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Typical Decode of Color Images

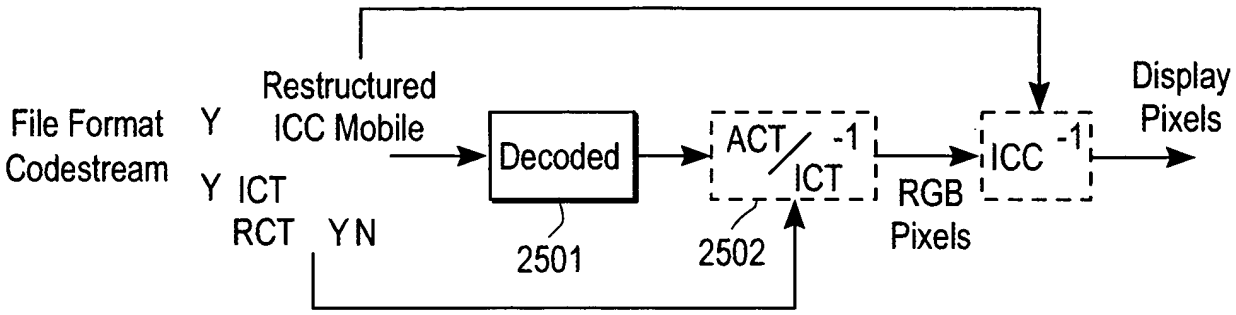

FIG. 25

Dumb Camera Encoder

Typical J2x Encoder

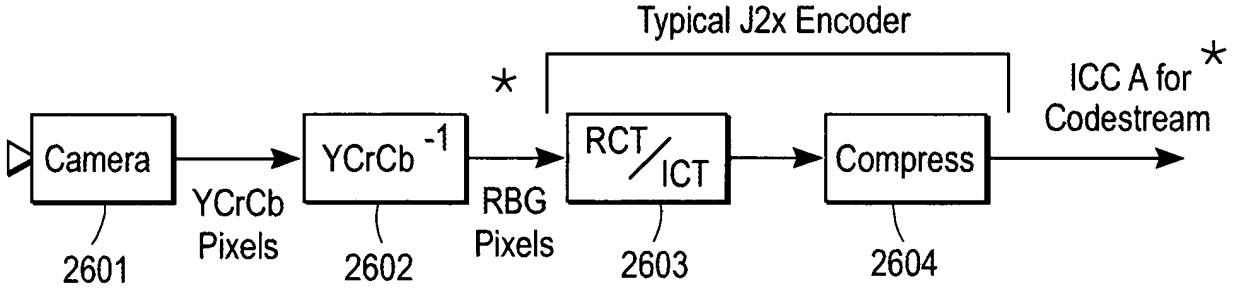

FIG. 26

Simple Camera Encoder

J2x Encoder w/o RCT

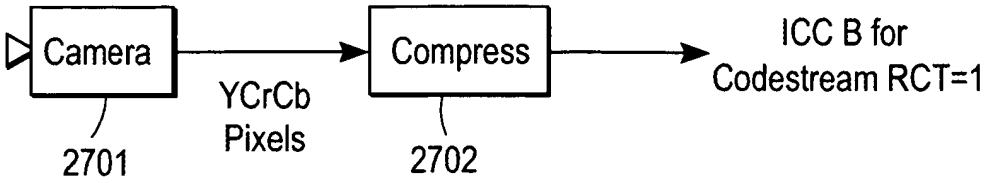

FIG. 27

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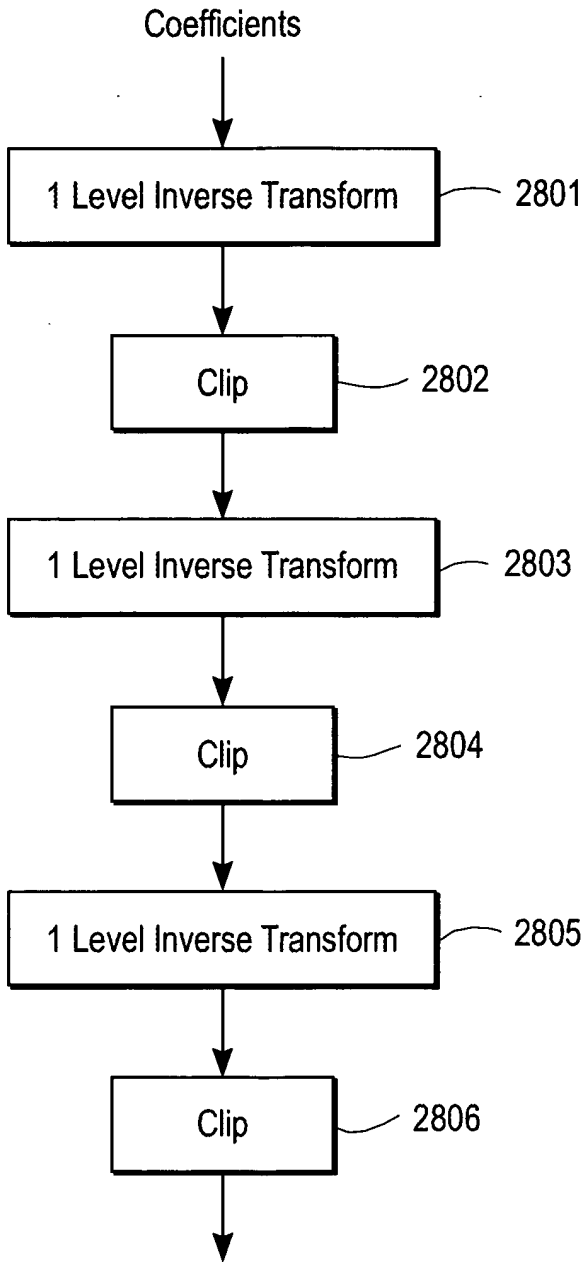

FIG. 28